A.S 9/8/2021

Original / Duplicate / Triplicate SBR.No

Original / Duplicate / Triplicate SBR.No

CONTRACT CERTIFICATE

(For Other Works) Date.....20.....

First and Part bill

Division : Project R.R.Nagar Sub-Division : Project R.R Nagara

Estimate Cost (Rs.) :- 500.00 Lakhs

Bill Received No .....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No: Head of Account : P-3494 D.R. No:

Name of Work (as per sanctioned estimate):- Construction of Old age homes and other buildings in JP PARK ward No: 17

Work Code:017-19-000016(P-3494)

Name of Contractor and Full Address: Sri.K R Govindaraju

Reference to Agreement No /Wo No:EE(Proj)/RRN/WO.NO/58/2020-21

Certified that the measurements were taken by me on 17.05.2024 and recorded of Pages No 2711 to 1158. Of measurement Book No : 2712 and that the work is satisfactorily executed.

Signature of Contractor

K.b. Govindaraju
Officer-in-charge of work

Certified that the measurements were taken by me on...17/5/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

K.b. Govindaraju
Sub-Division Officer

Memorandum of Payment

1) Total value of work done or supplies made as per account within ... Work Bill ... 1st & Part bill Amount of Rs -> 2198162 4.00
Deduct amount to be held in reserve being.....percent Rs..... GST 12% -> 2637795.00
" Total Amount -> 24619419.00
Balance

Deduct Payment :

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....-
Amount adjusted towards cash advance recovery of
b) Payments cost store or other materials supplied. CGST+SGST
Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque/Cash
Balance being unpaid value of work done held in reserve
Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments
Net amount due to or from contractor Unadjusted items
Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Adjustments Details

I.T	2461944.00
KST	219816+219816
CBF	24619.00
FSD	NIL
LBC	246194.00
Royality	195.000.00
Total.	11,51639.00

Net Amount of Rs -> 2,34,67,780/-

Contractor's Signature

Received Rs... .....(in works)

.....

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

Signature of Contractor

Dated.....

Paid by me by cheque No..... Dated.....

Cash Rs..... Dated.....

Initials of Officer Making Payment

Passed for Rs. 24619419/- Only

Net Cheque Rs. 2,34,67,780/- Only

Adjustment Rs. 11,51639/-

(For use in the Office)

Rs. In Words Two Crores thirty four Lakhs Sixty Seven thousand Seven hundred and Eighty only

Accts Supp
RRNZ
RRMP

Executive Engineer

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Item No	Description of Item of Work	Unit	BOQ Qty	BOQ Rate	Previous Measurement		Present Measurement		Total Up do date		Remarks
					Qty	Amount	Qty	Amount	Qty	Amou	
1	Earth work excavation for foundation of structures upto 3 mtrs.by mechanical means as per drawing and technical specification, including setting out, providing shoring, strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising / transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM etc., complete. - do - In all types of soils. complete as per the direction of the Engineer in-charge	Cum	**484.86**	**100.00**	0.00	0.00	484.86	48486.00	484.86	48486.00	
3	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete as per the direction of the Engineer in-charge.	Cum	**369.36**	**400.00**	0.00	0.00	300.85	120340.00	300.85	120340.00	
5	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.(Plinth area of the building at ground floor only shall be measured) complete as per the direction of the Engineer in-charge.	Sqm	**1105.00**	**120.00**	0.00	0.00	1105.00	132600.00	1105.00	132600.00	
6	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. complete as per the direction of the Engineer in-charge.	Cum	**597.00**	**368.00**	0.00	0.00	597.00	219696.00	597.00	219696.00	
7	Providing and laying in position Plain Cement Concrete of Mix 1:4:8 with OPC cement @ 180kgs, with 40mm & down size graded granite metal coarse aggregates @ 0.85 cum & fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification complete as per the direction of the Engineer in-charge.	Cum	**174.10**	**6000.00**	0.00	0.00	174.10	1044600.00	174.10	1044600.00	
8	Providing and laying in position Plain Cement Concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm & down size graded granite metal coarse aggregates @ 0.878 cum & fine aggregates @ 0.53 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation, plinth and Cills including cost of all materials, labour, HOM of machinery, curing complete as per specification. complete as per the direction of the Engineer in-charge.	Cum	**60.70**	**6000.00**	0.00	0.00	2.13	12780.00	2.13	12780.00	
9	Providing and laying in position plain cement concrete of nominal mix 1:3:6 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM machinery, curing complete as per specifications. complete as per the direction of the Engineer in-charge.	Cum	**3.71**	**6000.00**	0.00	0.00	3.64	21840.00	3.64	21840.00	
10	Driving cast-in-place vertical R.C.C. 500m.m dia. piles with OPC cement design mix M30 @ 360 kgs, CA0.69M3, FA0.46 M3 with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 lts conforming to IS 9103-199 Reaffirmed-2008 excluding reinforcement as per drawings including cost of all materials, labour, HOM of machineries complete as per specifications. complete as per the direction of the Engineer in-charge.	Mtr	**1312.00**	**7000.00**	0.00	0.00	1312.00	9184000.00	1312.00	9184000.00	
11	Cement Concrete for Reinforced Concrete in Pile Cap per Drawing and Technical Specification complete as per specifications. C. RCC with OPC cement design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008. Case-I: Using Concrete Mixer MORTH Specification No.1100, 1500 & 1700, complete as per the direction of the Engineer in-charge.	Cum	**84.40**	**8000.00**	0.00	0.00	83.50	668000.00	83.50	668000.00	

CONTRACT
Other Works) Division : Project

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Item No	Description of Item of Work	Unit	BOQ Qty	BOQ Rate	Previous Measurement		Present Measurement		Total Up do date		Remarks
					Qty	Amount	Qty	Amount	Qty	Amou	
13	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of Ready Mixed Concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) M30 grade complete as per the direction of the Engineer in-charge.	Cum	377.66	8000.00	0.00	0.00	117.52	940160.00	117.52	940160.00	
14	Providing and laying cement concrete using 20 mm and down size granite jelly of Ready mixed concrete (RMC) M-25 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel, fabrication charges and plastering.) complete as per the direction of the Engineer in-charge.	Cum	81.76	8000.00	0.00	0.00	25.98	207840.00	25.98	207840.00	
15	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plasticisers @ 0.225 Ltrs machine mixed well compacted Plain Chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. complete as per the direction of the Engineer in-charge.	Sqm	41.00	550.00	0.00	0.00	40.74	22407.00	40.74	22407.00	
18	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. complete as per the direction of the Engineer in-charge.	Sqm	91.50	400.00	0.00	0.00	90.14	36056.00	90.14	36056.00	
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Foundations, footings , bases of columns for mass concrete including cost of all materials, labour complete as per specifications. complete as per the direction of the Engineer in-charge	Sqm	414.86	335.00	0.00	0.00	329.43	110359.00	329.43	110359.00	
20	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides & soffits of Beams, beam haunchings, cantilever girders, bressumers & Lintels & not exceeding 1.0 m in depth including cost of all materials, labour complete as per specifications.	Sqm	1395.34	550.00	0.00	0.00	814.38	447909.00	814.38	447909.00	
21	Providing and removing centering, shuttering, strutting, propping etc., for Columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification.	Sqm	576.27	550.00	0.00	0.00	322.12	177166.00	322.12	177166.00	
22	Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, circular or curved in plan including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. complete as per the direction of the Engineer in-charge.	Sqm	1079.08	750.00	0.00	0.00	24.47	18353.00	24.47	18353.00	
24	Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) Except Spiral Staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. complete as per the direction of the Engineer in-charge.	Sqm	23.60	850.00	0.00	0.00	18.58	15793.00	18.58	15793.00	
25	Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, circular or curved in plan including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. complete	Sqm	13.00	950.00	0.00	0.00	11.87	11277.00	11.87	11277.00	
26	Providing and removing centering, shuttering, strutting, propping etc., for Chajjas, corbels of all shapes & sizes, at all elevations & heights. complete as per the direction of the Engineer in-charge.	Sqm	40.30	500.00	0.00	0.00	40.74	20370.00	40.74	20370.00	
27	Extra For providing throating or Drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification, complete as per the direction of the Engineer in-charge.	Mtr	99.00	38.00	0.00	0.00	98.20	3732.00	98.20	3732.00	
28	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of	Tonne	54.73	91000.00	0.00	0.00	22.19	2019290.00	22.19	2019290.00	

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Item No	Description of Item of Work	Unit	BOQ Qty	BOQ Rate	Previous Measurement		Present Measurement		Total Up do date		Remarks
					Qty	Amount	Qty	Amount	Qty	Amount	
29	Providing and placing un-coated TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position of lappingand/ or welding wherever reqd,tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (flats, hooks, & wastages shall not be measured and paid) including cost of all materials, labour, HOM of machineries etc, complete as per specifications, complete as per the direction of	Tonne	38.97	91000.00	0.00	0.00	38.97	3546270.00	38.97	3546270.00	
30	Providing and constructing granite/basalt size stone masonry in basement with cement mortar 1:6; edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2mts apart in each course including cost of materials, labour, curing, complete as per specifications.	Cum	105.00	6300.00	0.00	0.00	105.00	661500.00	105.00	661500.00	
31	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications. complete as per the direction of the Engineer in-charge.	Sqm	126.50	160.00	0.00	0.00	69.79	11166.00	69.79	11166.00	
32	Providing and constructing Burnt Brick Masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. GROUND FLOOR	Cum	217.00	8500.00	0.00	0.00	217.00	1844500.00	217.00	1844500.00	
34	Construction of partition wall 11.2 cms thick with non modular ground moulded burnt bricks of class designation with cement mortar 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvanised iron of nominal thickness 0.35 mm. 100 mm. wide as per I.S. 2212/1991 at 7.5 m. c/c including cost of materials, labour charges, scaffolding, curing complete as per specifications. complete as per the direction of the Engineer in-charge.	Cum	132.00	1046.00	0.00	0.00	132.00	138072.00	132.00	138072.00	
177	Geophysical investigation of site for sinking Bore - well for supplying drinking water to the habitation either through the Hand Pump, MWS or PWSS by vertical electrical sounding by	Each	1.00	3862.00	0.00	0.00	1.00	3862.00	1.00	3862.00	
178	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.) 2.1)0.00 to 50.00 mtrs, complete as per the direction of the Engineer in-charge.	Rmt	50.00	364.00	0.00	0.00	50.00	18200.00	50.00	18200.00	
179	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.2)50.00 to 100.00mtrs, complete as per the direction of the Engineer in-charge.	Rmt	50.00	464.00	0.00	0.00	50.00	23200.00	50.00	23200.00	
180	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.3)100.00 to 150.00mtrs, complete as per the direction of the Engineer in-charge.	Rmt	50.00	464.00	0.00	0.00	50.00	23200.00	50.00	23200.00	
181	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.4)150.00 to 200.00mtrs, complete as per the direction of the Engineer in-charge.	Rmt	50.00	464.00	0.00	0.00	50.00	23200.00	50.00	23200.00	

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SBR.No

Item No	Description of Item of Work	Unit	BOQ Qty	BOQ Rate	Previous Measurement		Present Measurement		Total Up do date		Remarks
					Qty	Amount	Qty	Amount	Qty	Amount	
182	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.5)200 to 250.00mtrs, complete as per the direction of the Engineer in-charge.	Rmt	**50.00**	**464.00**	0.00	0.00	50.00	23200.00	50.00	23200.00	
183	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including' yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.6)250 to 300.00mtrs, complete as per the direction of the Engineer in-charge.	Rmt	**50.00**	**464.00**	0.00	0.00	50.00	23200.00	50.00	23200.00	
184	Supply of ISI mark 175 mm nominal bore,plain end steel casing pipe grade of steel fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty, complete as per the direction of the Engineer in-charge.	mtr	**30.00**	**1391.00**	0.00	0.00	30.00	41730.00	30.00	41730.00	
185	Providing and fixing 175mm dia borewell cap medium class(MR), complete as per the direction of the Engineer in-charge.	nos	**1.00**	**100.00**	0.00	0.00	1.00	100.00	1.00	100.00	
186	M.S. Casing pipe collars "B" class (MR), complete as per the direction of the Engineer in-charge.	nos	**5.00**	**158.00**	0.00	0.00	5.00	790.00	5.00	790.00	
187	Supply and delivery at site brand new submersible PUMPSET suitable for borewell of 150mm dai and having declared duty conditions as detailed below and satisfying performance characteristic for pump and motar as declared by Bureau of Indian Standards. The pump should confirm to IS 928 / 55 (with all its latest amendments) and should bear the ISI certification mark is 928/55. The pumpset should consist of bronze impellers, Discharge : 750 lph, Head L102.88 mts 10HP /7.5KW 20 Stage. ATLANTA,Suguna, CRI, Kirloskar or other equivalent pumps, complete as per the direction of the Engineer in-charge.	nos	**1.00**	**52452.00**	0.00	0.00	1.00	52452.00	1.00	52452.00	
188	Supplying and drawing 3 core flat PVC sheathed Submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor conforming to table 3class 5 of IS :8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts.(Group B) -3C X 6.0Sq.mm, complete as per the direction of the Engineer in-charge.	Rmt	**300.00**	**172.00**	0.00	0.00	300.00	51600.00	300.00	51600.00	
189	Errection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams, borewell cap, cable clips with bolts, nuts, valve gauges etc., involved in the job. BWSSB, Letter BWSSB/CE(M)ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09), complete as per the direction of the Engineer in-charge.	nos	**1.00**	**3150.00**	0.00	0.00	1.00	3150.00	1.00	3150.00	
190	Supplying and fixing 50mm GI Union. complete as per the direction of the Engineer in-charge.	nos	**2.00**	**246.00**	0.00	0.00	2	492.00	2.00	492.00	
191	Supplying fully atutomatic star-delta Starter unit push button type with suitable wires, 3 contactosr, one adjustable thermal timer mounted on a common base late held in steel enclosure for use on 440/440 volts 3 phase and wired afterfixing to the existing wooden board for motor 15.0 HP , complete as per the direction of the Engineer in-charge.	nos	**1.00**	**8686.00**	0.00	0.00	1	8686.00	1.00	8686.00	
	Sub-Total							**21981624.00**		**21981624.00**	
	GST 12%							**2637795.00**		**2637795.00**	
	Grand Total							**24619419.00**		**24619419.00**	

Assistant Executive Engineer (Project)

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Item No	Description of Item of Work	Unit	BOQ Qty	BOQ Rate	Previous Measurement		Present Measurement		Total Up do date		
					Qty	Amount	Qty	Amount	Qty	Amount	

Certificate:

1 Certified that the contractor has done the work satisfactorly.

2 Certified that the debris has been removed from the site.

4 Certified that the above item of the work were not claimed in any other bill.

Contractor Representative

Assistant Engineer
Project-RR Nagara
BBMP

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

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